

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
9 October 2003 (09.10.2003)

PCT

(10) International Publication Number  
**WO 03/082340 A1**

(51) International Patent Classification<sup>7</sup>: **A61K 47/10**

(21) International Application Number: **PCT/GB03/01404**

(22) International Filing Date: **31 March 2003 (31.03.2003)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:  
**0207529.9** **2 April 2002 (02.04.2002)** **GB**

(71) Applicant (for all designated States except US): **NOR-BROOK LABORATORIES LIMITED** [GB/GB]; Station Works, Newry, County Down BT35 6JP (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BLAKELY, William** [GB/GB]; 79 Chapel Road, Killeavy, Newry, County Down BT35 8JZ (GB). **CROMIE, Lillian** [GB/GB]; 65 Old Warrenpoint Road, Newry, County Down BT34 2PN (GB). **DUFFY, Sean** [GB/GB]; 3 New Road, Silverbridge, Newry, County Down BT35 9PG (GB).

(74) Agent: **FITZPATRICKS**; 4 West Regent Street, Glasgow G2 1RS (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

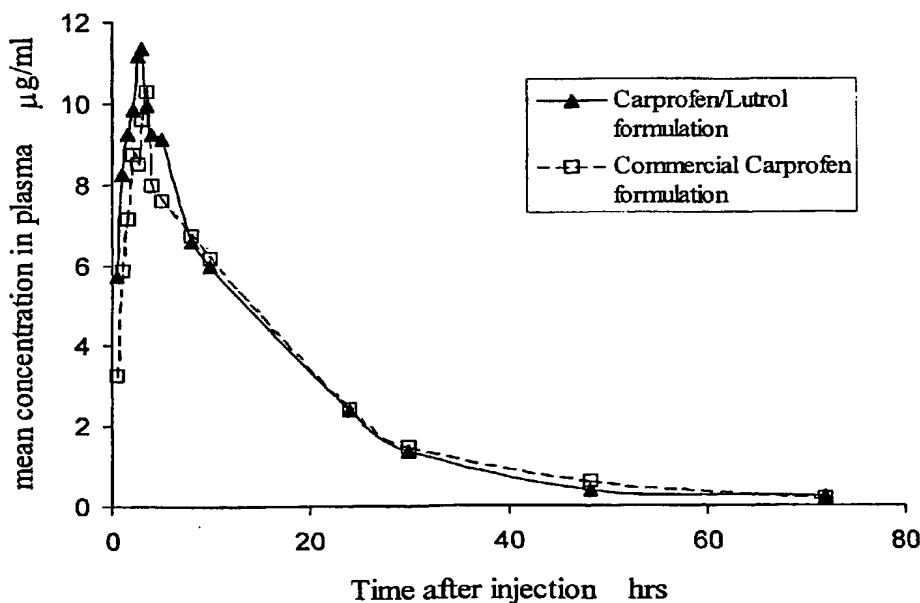
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **INJECTABLE VETERINARY COMPOSITION FOR SMALL ANIMALS**



(57) Abstract: An injectable aqueous composition for veterinary use containing a non-steroidal anti-inflammatory compound in an amount of from about 0.25 to 30% (w/v) together with a physiologically acceptable oxygenated polymeric surfactant in an amount of from about 0.5 to 20% (w/v).

WO 03/082340 A1

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>32/64087W0</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/GB 03/ 01404</b>	International filing date (day/month/year) <b>31/03/2003</b>	(Earliest) Priority Date (day/month/year) <b>02/04/2002</b>
Applicant <b>NORBROOK LABORATORIES LIMITED</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1 \_\_\_\_\_

☐ None of the figures.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB 03/01404

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K47/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 955 063 A (BASF AKTIENGESELLSCHAFT) 10 November 1999 (1999-11-10).	1,2,6,7, 9-15, 22-24
Y	claims 1,3  page 2, line 46 - line 48 page 4, line 16 - line 32 page 5; examples 15,16	3-5,8, 16-20
X	US 5 283 067 A (LEO GELLER; ET AL.) 1 February 1994 (1994-02-01)  claim 1 column 2, line 65 -column 3, line 11 column 5; example 4  --- -/--	1,6,7, 9-11, 22-24

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

2 September 2003

Date of mailing of the international search report

10/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Ventura Amat, A

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB 03/01404

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CH 663 788 A (F. HOFFMANN-LA ROCHE & CO.) 15 January 1988 (1988-01-15) claims 1,2 page 2, left-hand column, line 30 - line 34 page 2, right-hand column, line 29 - line 36 page 3, right-hand column; example 4D -----	3-5,8, 16-20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/01404

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 955063	A	10-11-1999	EP 0955063 A1	10-11-1999
US 5283067	A	01-02-1994	CH 673395 A5	15-03-1990
			AT 18588 A ,B	15-09-1993
			AU 612343 B2	11-07-1991
			AU 1110288 A	04-08-1988
			BE 1000442 A4	06-12-1988
			CA 1305058 C	14-07-1992
			DE 3802357 A1	11-08-1988
			DK 45588 A	31-07-1988
			ES 2008420 A6	16-07-1989
			FI 880368 A	31-07-1988
			FR 2611498 A1	09-09-1988
			GB 2201089 A ,B	24-08-1988
			GR 88100041 A	16-12-1988
			IE 60453 B1	13-07-1994
			IT 1224241 B	26-09-1990
			JP 63192716 A	10-08-1988
			LU 87115 A1	08-03-1989
			NL 8800231 A	16-08-1988
			NO 880403 A	01-08-1988
			NZ 223343 A	27-03-1990
			PH 23652 A	27-09-1989
			PT 86644 A ,B	01-02-1988
			SE 8800228 A	31-07-1988
			YU 15488 A1	31-10-1989
			ZA 8800638 A	25-10-1989
CH 663788	A	15-01-1988	CH 663788 A5	15-01-1988